



Table III: VEGFr Synthetic Modified siNA constructs

VEGFR1

Target	Seq ID	COMPOUND#	Aliases	Sequence	Seq ID
GCUGUCUGCUUCUCACAGGAUCU	1997		FLT1:298U21 siNA sense	UGUCUGCUUCUCACACAGGAU TT	2020
GAAGGAGAGGACCUGAAAAACUGUC	1998		FLT1:1956U21 siNA sense	AGGAGAGGACCUGAAAAACUG TT	2021
AAGGAGAGGACCUGAAAAACUGUCU	1999		FLT1:1957U21 siNA sense	GGAGAGGACCUGAAAAACUGU TT	2022
GCAUUUGGCAUUAAAGAAAAUCACC	2000		FLT1:2787U21 siNA sense	AUUUGGCAUUAAAGAAAAUCAT T	2023
GCUGUCUGCUUCUCACAGGAUCU	1997		FLT1:316L21 siNA (298C) antisense	AUCCUGUGAGAGCAGAGACA TT	2024
GAAGGAGAGGACCUGAAAAACUGUC	1998		FLT1:1974L21 siNA (1956C) antisense	CAGUUUCAGGUCCUCUCUCCU TT	2025
AAGGAGAGGACCUGAAAAACUGUCU	1999		FLT1:1975L21 siNA (1957C) antisense	ACAGUUUCAGGUCCUCUCUCC TT	2026
GCAUUUGGCAUUAAAGAAAAUCACC	2000		FLT1:2805L21 siNA (2787C) antisense	UGAUUUUCUUAAUGCCAAA TT	2027
GCUGUCUGCUUCUCACAGGAUCU	1997		FLT1:298U21 siNA stab04 sense	B uGucuGcuucucAcAGGAuTT B	2028
GAAGGAGAGGACCUGAAAAACUGUC	1998		FLT1:1956U21 siNA stab04 sense	B AGGAGAGGAccuGAAAcuGTT B	2029
AAGGAGAGGACCUGAAAAACUGUCU	1999		FLT1:1957U21 siNA stab04 sense	B GGAGAGGAccuGAAAcuGuTT B	2030
GCAUUUGGCAUUAAAGAAAAUCACC	2000		FLT1:2787U21 siNA stab04 sense	B AuuuGGcAuuuAGAAAAuATT B	2031
GCUGUCUGCUUCUCACAGGAUCU	1997		FLT1:316L21 siNA (298C) stab05 antisense	AuccuGuGAGAAAGcAGAcATsT cAGuuuACGuccuuccuTsT	2032
GAAGGAGAGGACCUGAAAAACUGUC	1998		FLT1:1974L21 siNA (1956C) stab05 antisense	AcAGuuuACGuccuuccuTsT uGAuuuucuuAAuGccAAAuTsT	2033
AAGGAGAGGACCUGAAAAACUGUCU	1999		FLT1:1975L21 siNA (1957C) stab05 antisense	B uGucuGcuucucAcAGGAuTT B	2034
GCAUUUGGCAUUAAAGAAAAUCACC	2000		FLT1:2805L21 siNA (2787C) stab05 antisense	B AGGAGAGGAccuGAAAcuGTT B	2035
GCUGUCUGCUUCUCACAGGAUCU	1997		FLT1:298U21 siNA stab07 sense	B AGGAGAGGAccuGAAAcuGTT B	2036
GAAGGAGAGGACCUGAAAAACUGUC	1998		FLT1:1956U21 siNA stab07 sense	B	2037

AAGGAGAGGACCUGAAACUGUCU	1999			FLT1:1957U21 siNA stab07 sense	B GGAGAGGAccuGAAACuGuTT B	2038
GCAUUUGGCAUUAAGAAAUACACC	2000			FLT1:2787U21 siNA stab07 sense	B AuuuGGcAUuAAGAAAUcATT B	2039
GCUGUCUGCUUCACAGGAUCU	1997			FLT1:3161L21 siNA (298C) stab11 antisense	AuccuGuGAGAGAAcGAGAcATsT	2040
GAAGGAGAGACCUGAAACUGUC	1998			FLT1:1974L21 siNA (1956C) stab11 antisense	cAGuuuAcGGuccucuccuTsT	2041
AAGGAGAGACCUGAAACUGUCU	1999			FLT1:1975L21 siNA (1957C) stab11 antisense	AcAGuuuAcGGuccucuccuTsT	2042
GCAUUUGGCAUUAAGAAAUACACC	2000			FLT1:2805L21 siNA (2787C) stab11 antisense	uGAuuucuuAAuGccAAAUtsT	2043
AACUGAGUUUAAAGGCACCCAG	2009	31209		FLT1:367L21 siNA (349C) stab05 inv antisense	GAcucAAAuuuuccGuGGTsT	2176
AAGCAAGGAGGGCCUCUGAUGGU	2012	31210		FLT1:2967L21 siNA (2949C) stab05 inv antisense	cGuuccuccGGAGAcuAcTsT	2177
AGCCUGGAAAGAAUCAAACCCUU	2011	31211		FLT1:3930L21 siNA (3912C) stab05 inv antisense	GGAccuuuuuAGuuuuGGTsT	2178
AACUGAGUUUAAAGGCACCCAG	2009	31212		FLT1:349U21 siNA stab07 inv sense	B cccAcGGAAAAuuuGAGucTT B	2179
AAGCAAGGAGGGCCUCUGAUGGU	2012	31213		FLT1:2949U21 siNA stab07 inv sense	B GuAGucuccGGGAGGAACGTT B	2180
AGCCUGGAAAGAAUCAAACCCUU	2011	31214		FLT1:3912U21 siNA stab07 inv sense	B ccAAAAAcuAAGAAAGGuccTT B	2181
AACUGAGUUUAAAGGCACCCAG	2009	31215		FLT1:367L21 siNA (349C) stab08 inv antisense	GAcucAAAuuuuccGuGGTsT	2182
AAGCAAGGAGGGCCUCUGAUGGU	2012	31216		FLT1:2967L21 siNA (2949C) stab08 inv antisense	cGuuccuccGGAGAcuAcTsT	2183
AGCCUGGAAAGAAUCAAACCCUU	2011	31217		FLT1:3930L21 siNA (3912C) stab08 inv antisense	GGAccuuuuuAGuuuuGGTsT B CUGAGUUUUAAAAGGCACCCCTT B	2184
AACUGAGUUUAAAGGCACCCAG	2009	31270		FLT1:349U21 siNA stab09 sense	B GCAAGGAGGGCCUCUGAUgTT B	2185
AAGCAAGGAGGGCCUCUGAUGGU	2012	31271		FLT1:2949U21 siNA stab09 sense	B B CCUGGAAAGAAUCAAACCCCTT B	2186
AGCCUGGAAAGAAUCAAACCCUU	2011	31272		FLT1:3912U21 siNA stab09 sense	B GGUGCCUUUUAAAACUCAGTsT	2187
AACUGAGUUUAAAGGCACCCAG	2009	31273		FLT1:367L21 siNA (349C) stab10 antisense	CAUCAGAGGCCCUCCUUGCTsT	2188
AAGCAAGGAGGGCCUCUGAUGGU	2012	31274		FLT1:2967L21 siNA (2949C) stab10 antisense	GGUUUUGAUUCUUCUCCAGTsT	2189
AGCCUGGAAAGAAUCAAACCCUU	2011	31275		FLT1:3930L21 siNA (3912C) stab10 antisense	B CCCACGGAAAAUUUGAGUCCTT B	2190
AACUGAGUUUAAAGGCACCCAG	2009	31276		FLT1:349U21 siNA stab09 inv sense	B GUAGUCUCCGGGAGGAACGTT B	2191
AAGCAAGGAGGGCCUCUGAUGGU	2012	31277		FLT1:2949U21 siNA stab09 inv sense	B B CCAAACUAAGAAAGGUCCCTT B	2192
AGCCUGGAAAGAAUCAAACCCUU	2011	31278		FLT1:3912U21 siNA stab09 inv sense	B	2193

AACUGAGUUUAAAAAGGCACCCAG	2009	31279	FLT1:367L21 siNA (349C) stab10 inv antisense	GACUCAAAUUUUUCCGUGGGTsT	2194
AAGCAAGGAGGGCCUCUGAUGGU	2012	31280	FLT1:2967L21 siNA (2949C) stab10 inv antisense	CGUUCUCCCGGAGACUACTsT	2195
AGCCUGGAAAGAAUCAAACCCUU	2011	31281	FLT1:3930L21 siNA (3912C) stab10 inv antisense	GGACCUUUUCUUAGUUUUGGTsT	2196
AACAACCCACAAAAUACAACAAGA	2010	31424	FLT1:2358L21 siNA (2340C) stab11 3'-BrdU antisense	uuGuuGuAuuuuGuGGuuGXsX	2197
AAGCAAGGAGGGCCUCUGAUGGU	2012	31425	FLT1:2967L21 siNA (2949C) stab11 3'-BrdU antisense	cAucAGAGGGccuccuuGcXsX	2198
AACAACCCACAAAAUACAACAAGA	2010	31442	FLT1:2358L21 siNA (2340C) stab11 3'-BrdU antisense	uuGuuGuAuuuuGuGGuuGXsT	2199
AAGCAAGGAGGGCCUCUGAUGGU	2012	31443	FLT1:2967L21 siNA (2949C) stab11 3'-BrdU antisense	cAucAGAGGGccuccuuGcXsT	2200
AACAACCCACAAAAUACAACAAGA	2010	31449	FLT1:2340U21 siNA stab09 sense	B CAACCCACAAAAUACAACAATT B	2201
AACAACCCACAAAAUACAACAAGA	2010	31450	FLT1:2340U21 siNA inv stab09 sense	B AACAACAUA AAAACACCAACTT B	2202
AACAACCCACAAAAUACAACAAGA	2010	31451	FLT1:2358L21 siNA (2340C) stab10 antisense	UUGUUGUAUUUUUGUGGUUGTsT	2203
AACAACCCACAAAAUACAACAAGA	2010	31452	FLT1:2358L21 siNA (2340C) inv stab10 antisense	GUUGGUGUUUUUUGUUUGUUTsT	2204
AACAACCCACAAAAUACAACAAGA	2010	31509	FLT1:2358L21 siNA (2340C) stab11 antisense	uuGuuGuAuuuuGuGGuuGTsT	2217
AACUGAGUUUAAAAAGGCACCCAG	2009	31794	2x cholesterol + R31194 FLT1:349U21 siNA stab07 sense	(H)2 ZTA B cuGAGuuuAAAAAGGcAcccTT B	2218
AACUGAGUUUAAAAAGGCACCCAG	2009	31795	2x cholesterol + R31212 FLT1:349U21 siNA stab07 inv sense	(H)2 ZTA B cccAcGGAAAAuuuGAGucTT B	2219
AACUGAGUUUAAAAAGGCACCCAG	2009	31796	2x cholesterol + R31270 FLT1:349U21 siNA stab09 sense	(H)2 ZTA B CUGAGUUUAAAAAGGCACCCCTT B	2220
AACUGAGUUUAAAAAGGCACCCAG	2009	31797	2x cholesterol + R31276 FLT1:349U21 siNA stab09 inv sense	(H)2 ZTA B CCCACGGAAAAUUUGAGUCCTT B	2221
AACUGAGUUUAAAAAGGCACCCAG	2009	31798	2x C18 phospholipid + R31194 FLT1:349U21 siNA stab07 sense	(L)2 ZTA B cuGAGuuuAAAAAGGcAcccTT B	2222
AACUGAGUUUAAAAAGGCACCCAG	2009	31799	2x C18 phospholipid + R31212 FLT1:349U21 siNA stab07 inv sense	(L)2 ZTA B cccAcGGAAAAuuuGAGucTT B	2223
AACUGAGUUUAAAAAGGCACCCAG	2009	31800	2x C18 phospholipid + R31270 FLT1:349U21 siNA stab09 sense	(L)2 ZTA B CUGAGUUUAAAAAGGCACCCCTT B	2224
AACUGAGUUUAAAAAGGCACCCAG	2009	31801	2x C18 phospholipid + R31276 FLT1:349U21 siNA stab09 inv sense	(L)2 ZTA B CCCACGGAAAAUUUGAGUCCTT B	2225
CAUGCUGGACUGCUGGCAC	2244	32235	FLT1:3645U21 siNA sense	CAUGCUGGACUGCUGGCACCTT	2275
AUGCUGGACUGCUGGCACA	2245	32236	FLT1:3646U21 siNA sense	AUGCUGGACUGCUGGCACATT	2276
UGCUGGACUGCUGGCACAG	2246	32237	FLT1:3647U21 siNA sense	UGCUGGACUGCUGGCACAGTT	2277
CAUGCUGGACUGCUGGCAC	2244	32250	FLT1:3663L21 siNA (3645C) antisense	GUGCCAGCAGUCCAGCAUGTT	2278
AUGCUGGACUGCUGGCACA	2245	32251	FLT1:3664L21 siNA (3646C) antisense	UGUGCCAGCAGUCCAGCAUTT	2279
UGCUGGACUGCUGGCACAG	2246	32252	FLT1:3665L21 siNA (3647C) antisense	CUGUGCCAGCAGUCCAGCATT	2280
AACUGAGUUUAAAAAGGCACCCAG	2009	32278	FLT1:349U21 siNA stab16 sense	B CUGAGUUUAAAAAGGCACCCCTT	2281

AACUGAGUUUUAAAAGGCACCCAG	2009	32279			B	2282
AACUGAGUUUUAAAAGGCACCCAG	2009	32280		FLT1:349U21 siNA stab18 sense	B cuGAGUUUUAAAAGGcAcccTT B	2283
AACUGAGUUUUAAAAGGCACCCAG	2009	32281		FLT1:349U21 siNA inv stab16 sense	B CCCACGGAAAAUUUUGAGUC ^{TT}	2284
CUGAACUGAGUUUUAAAAGGCACC	2247	32282		FLT1:349U21 siNA inv stab18 sense	B cccAcGGAAAAUUUUGAGucTT B	2285
UGAACUGAGUUUUAAAAGGCACCC	2248	32283		FLT1:346U21 siNA stab09 sense	B GAACUGAGUUUUAAAAGGCATT	2286
GAACUGAGUUUUAAAAGGCACCCA	2249	32284		FLT1:347U21 siNA stab09 sense	B AACUGAGUUUUAAAAGGCAC ^{TT}	2287
ACUGAGUUUUAAAAGGCACCCAGC	2250	32285		FLT1:348U21 siNA stab09 sense	B ACUGAGUUUUAAAAGGCACCT ^T	2288
CUGAGUUUUAAAAGGCACCCAGCA	2251	32286		FLT1:350U21 siNA stab09 sense	B UGAGUUUUAAAAGGCACCCATT	2289
UGAGUUUUAAAAGGCACCCAGCAC	2252	32287		FLT1:351U21 siNA stab09 sense	B GAGUUUUAAAAGGCACCCAG ^{TT}	2290
GAGUUUUAAAAGGCACCCAGCAC	2253	32288		FLT1:352U21 siNA stab09 sense	B AGUUUUAAAAGGCACCCAGC ^{TT}	2291
UGAACUGAGUUUUAAAAGGCACCC	2247	32289		FLT1:353U21 siNA stab09 sense	B GUUUUUAAAAGGCACCCAGCATT	2292
GAACUGAGUUUUAAAAGGCACCCA	2248	32290		FLT1:364L21 siNA (346C) stab10 antisense	UGCCUUUUAAAACUCAGUUC ^{TsT}	2293
ACUGAGUUUUAAAAGGCACCCAGC	2249	32291		FLT1:365L21 siNA (347C) stab10 antisense	GUGCCUUUUAAAACUCAGU ^{TsT}	2294
UGAGUUUUAAAAGGCACCCAGCAC	2250	32292		FLT1:366L21 siNA (348C) stab10 antisense	GGUGCCUUUUAAAACUCAT sT	2295
GAGUUUUAAAAGGCACCCAGCAC	2251	32293		FLT1:368L21 siNA (350C) stab10 antisense	UGGGUGCCUUUUAAAACUC sT	2296
UGAGUUUUAAAAGGCACCCAGCAC	2252	32294		FLT1:369L21 siNA (351C) stab10 antisense	CUGGGUGCCUUUUAAAACU ^{TsT}	2297
CUGAACUGAGUUUUAAAAGGCACC	2247	32295		FLT1:370L21 siNA (352C) stab10 antisense	GCUGGGUGCCUUUUAAAAC ^U TsT	2298
UGAACUGAGUUUUAAAAGGCACCC	2248	32296		FLT1:371L21 siNA (353C) stab10 antisense	UGCUGGGUGCCUUUUAAAAC ^{TsT}	2299
GAACUGAGUUUUAAAAGGCACCCA	2249	32297		FLT1:346U21 siNA inv stab09 sense	B ACGGAAAAUUUUGAGUCAAG ^{TT}	2300
ACUGAGUUUUAAAAGGCACCCAGC	2250	32298		FLT1:347U21 siNA inv stab09 sense	B CACGGAAAAUUUUGAGUCA ^{ATT}	2301
CUGAGUUUUAAAAGGCACCCAGCA	2251	32300		FLT1:348U21 siNA inv stab09 sense	B CCACGGAAAAUUUUGAGUCA ^{ATT}	2302
UGAGUUUUAAAAGGCACCCAGCAC	2252	32301		FLT1:350U21 siNA inv stab09 sense	B ACCCACGGAAAAUUUUGAGU ^{TT}	2303
GAGUUUUAAAAGGCACCCAGCAC	2253	32302		FLT1:351U21 siNA inv stab09 sense	B GACCCACGGAAAAUUUUGAG ^{TT}	2304
CUGAACUGAGUUUUAAAAGGCACC	2247	32303		FLT1:352U21 siNA inv stab09 sense	B CGACCCACGGAAAAUUUUGA ^{TT}	2305
				FLT1:353U21 siNA inv stab09 sense	B ACGACCCACGGAAAAUUUUG ^{TT}	2306
				FLT1:364L21 siNA (346C) inv stab10 antisense	CUUGACUCAAAUUUUC ^{CG} TsT	

UGAACUGAGUUUAAAAGGCACCC	2248	32304	FLT1:365L21 siNA (347C) inv stab10 antisense	UUGACUCAAAUUUCCGUGTst	2307
GAACUGAGUUUAAAAGGCACCCA	2249	32305	FLT1:366L21 siNA (348C) inv stab10 antisense	UGACUCAAAUUUCCGUGGTst	2308
ACUGAGUUUAAAAGGCACCCAGC	2250	32306	FLT1:368L21 siNA (350C) inv stab10 antisense	ACUCAAAUUUCCGUGGGUTst	2309
CUGAGUUUAAAAGGCACCCAGCA	2251	32307	FLT1:369L21 siNA (351C) inv stab10 antisense	CUCAAAUUUCCGUGGGUCTst	2310
UGAGUUUAAAAGGCACCCAGCAC	2252	32308	FLT1:370L21 siNA (352C) inv stab10 antisense	UCAAAUUUCCGUGGGUGCTst	2311
GAGUUUAAAAGGCACCCAGCACA	2253	32309	FLT1:371L21 siNA (353C) inv stab10 antisense	CAAAUUUCCGUGGGUGCTst	2312
AACUGAGUUUAAAAGGCACCCAG	2009	32338	FLT1:367L21 siNA (349C) stab10 3'-BrdU antisense	GGGUGCCUUUUAAAACUCAGXst	2313
AACUGAGUUUAAAAGGCACCCAG	2009	32718	FLT1:367L21 siNA (349C) v1 5'p antisense	pGGUGCCUUUUAAAACUC	2314
AACUGAGUUUAAAAGGCACCCAG	2009	32719	FLT1:367L21 siNA (349C) v2 5'p antisense	GAGUUUAAAAG B	2315
AAGCAAGGAGGGGCCUCUGAUGGU	2012	32720	FLT1:2967L21 siNA (2949C) v1 5'p antisense	pCAUCAGAGGCCUCUUGC	2316
AAGCAAGGAGGGGCCUCUGAUGGU	2012	32721	FLT1:2967L21 siNA (2949C) v2 5'p antisense	AAGGAGGCCUCU B	2317
AAGCAAGGAGGGGCCUCUGAUGGU	2012	32722	FLT1:2967L21 siNA (2949C) v3 5'p antisense	pCAUCAGAGGCCUCUUGC	2318
CUGAACUGAGUUUAAAAGGCACCC	2247	32748	FLT1:346L21 siNA stab07 sense	B GAACUGAGUUUAAAAGGcATT B	2319
UGAACUGAGUUUAAAAGGCACCCA	2248	32749	FLT1:347U21 siNA stab07 sense	B AAACUGAGUUUAAAAGGcATT B	2320
ACUGAGUUUAAAAGGCACCCAGC	2250	32751	FLT1:348U21 siNA stab07 sense	B ACUGAGUUUAAAAGGcAcTT B	2321
CUGAGUUUAAAAGGCACCCAGCA	2251	32752	FLT1:350U21 siNA stab07 sense	B uGAGUUUAAAAGGcAcTT B	2322
UGAGUUUAAAAGGCACCCAGCAC	2252	32753	FLT1:351U21 siNA stab07 sense	B GAGUUUAAAAGGcAcTT B	2323
GAGUUUAAAAGGCACCCAGCACA	2253	32754	FLT1:352U21 siNA stab07 sense	B AGUUUAAAAGGcAcTT B	2324
CUGAACUGAGUUUAAAAGGCACCCA	2248	32755	FLT1:353U21 siNA stab07 sense	B GUUUAAAAGGcAcTT B	2325
GAACUGAGUUUAAAAGGCACCCA	2249	32756	FLT1:364L21 siNA (346C) stab08 antisense	uGccUUUUAAAcucAGuuTst	2326
ACUGAGUUUAAAAGGCACCCAGC	2250	32757	FLT1:365L21 siNA (347C) stab08 antisense	GuGccUUUUAAAcucAGuTst	2327
CUGAGUUUAAAAGGCACCCAGCA	2251	32758	FLT1:366L21 siNA (348C) stab08 antisense	GGUGccUUUUAAAcucATst	2328
UGAGUUUAAAAGGCACCCAGCAC	2252	32759	FLT1:368L21 siNA (350C) stab08 antisense	uGGUGccUUUUAAAcucTst	2329
GAGUUUAAAAGGCACCCAGCACA	2253	32760	FLT1:369L21 siNA (351C) stab08 antisense	cuGGUGccUUUUAAAcucTst	2330
CUGAACUGAGUUUAAAAGGCACCCA	2248	32761	FLT1:370L21 siNA (352C) stab08 antisense	GcuGGUGccUUUUAAAcuTst	2331
GAACUGAGUUUAAAAGGCACCCA	2249	32762	FLT1:371L21 siNA (353C) stab08 antisense	uGcuGGUGccUUUUAAAcTst	2332
ACUGAGUUUAAAAGGCACCCAGC	2250	32773	FLT1:346L21 siNA inv stab07 sense	B AcGGGAAAAUUUAGUCaAGTT B	2333
CUGAGUUUAAAAGGCACCCAGCA	2251	32774	FLT1:347U21 siNA inv stab07 sense	B cAcGGAAAAUUUAGUCaATT B	2334
UGAGUUUAAAAGGCACCCAGCAC	2252	32775	FLT1:348U21 siNA inv stab07 sense	B ccAcGGAAAAUUUAGUCaTT B	2335
CUGAACUGAGUUUAAAAGGCACCCA	2248	32776	FLT1:350U21 siNA inv stab07 sense	B AcccAcGGAAAAUUUAGATT B	2336
GAACUGAGUUUAAAAGGCACCCA	2249	32777	FLT1:351U21 siNA inv stab07 sense	B GAcCCAcGGAAAAUUUAGATT B	2337
ACUGAGUUUAAAAGGCACCCAGC	2250		FLT1:352U21 siNA inv stab07 sense	B cGAcCCAcGGAAAAUUUAGATT B	2338

GAGUUUAAAAGGCACCCAGCACA	2253	32778	FLT1:353U21 siNA inv stab07 sense	B AcGAcccAcGGAAAAuuuGTT B	2339
CUGAACUGAGUUUAAAAGGCACC	2247	32779	FLT1:364L21 siNA (346C) inv stab08 antisense	uuGAcucAAAuuuuuccGuTsT	2340
UGAACUGAGUUUAAAAGGCACCC	2248	32780	FLT1:365L21 siNA (347C) inv stab08 antisense	uuGAcucAAAuuuuuccGuGsT	2341
GAACUGAGUUUAAAAGGCACCCA	2249	32781	FLT1:366L21 siNA (348C) inv stab08 antisense	uGAcucAAAuuuuuccGuGGTsT	2342
ACUGAGUUUAAAAGGCACCCAGC	2250	32782	FLT1:368L21 siNA (350C) inv stab08 antisense	AcucAAAuuuuuccGuGGGuTsT	2343
CUGAGUUUAAAAGGCACCCAGCA	2251	32783	FLT1:369L21 siNA (351C) inv stab08 antisense	cucAAAuuuuuccGuGGGucTsT	2344
UGAGUUUAAAAGGCACCCAGCAC	2252	32784	FLT1:370L21 siNA (352C) inv stab08 antisense	ucAAAuuuuuccGuGGGucTsT	2345
GAGUUUAAAAGGCACCCAGCACA	2253	32785	FLT1:371L21 siNA (353C) inv stab08 antisense	cAAAuuuuuccGuGGGucTsT	2346
AGTTTAAAAGGCACCCAGCACATC	2254	32805	FLT1:373L21 siNA (354C) v1 5'p antisense	pGUGCUGGGUGCCUUUAAA AGGCACCCAGC B	2347
AGTTTAAAAGGCACCCAGCACATC	2254	32806	FLT1:373L21 siNA (354C) v2 5'p antisense	pGUGCUGGGUGCCUUUAAA GGCACCAGC B	2348
AGTTTAAAAGGCACCCAGCACATC	2254	32807	FLT1:373L21 siNA (354C) v3 5'p antisense	pGUGCUGGGUGCCUUAAGGCAC CCAGC B	2349
GCATATATGATAAAGCATTCA	2255	32808	FLT1:1247L21 siNA (1229C) v1 5'p antisense	pAAUGCUUUUAUCAUAUAU GAUAAAGC B	2350
GCATATATGATAAAGCATTCA	2255	32809	FLT1:1247L21 siNA (1229C) v2 5'p antisense	pAAUGCUUUUAUCAUAUAU GAUAAAGC B	2351
GCATATATGATAAAGCATTCA	2255	32810	FLT1:1247L21 siNA (1229C) v3 5'p antisense	pAAUGCUUUUAUCAUAUAU GAUAAAGC B	2352
GCATATATGATAAAGCATTCA	2255	32811	FLT1:1247L21 siNA (1229C) v4 5'p antisense	pAAUGCUUUUAUCAUAUAU GAUAAAGC B	2353
GCATATATGATAAAGCATTCA	2255	32812	FLT1:1247L21 siNA (1229C) v5 5'p antisense	pAAUGCUUUUAUCAUAUAU GAUAAAGCAUU B	2354
GCATATATGATAAAGCATTCA	2255	32813	FLT1:1247L21 siNA (1229C) v6 5'p antisense	pAAUGCUUUUAUCAUAUAU GAUAAAGCAUU B	2355
AACUGAGUUUAAAAGGCACCCAG	2009	33056	FLT1:367L21 siNA (349C) v3 5'p antisense	pGGGUGCCUUUAAAACUCAG GAGUUUAAAAGG B	2356
AACUGAGUUUAAAAGGCACCCAG	2009	33057	FLT1:367L21 siNA (349C) v4 5'p antisense	pGGGUGCCUUUAAAACUC GAGUUUAAAAGGCA B	2357
AACUGAGUUUAAAAGGCACCCAG	2009	33058	FLT1:367L21 siNA (349C) v5 5'p antisense	pGGGUGCCUUUAAAACUC AGUUUAAAAGG B	2358
AACUGAGUUUAAAAGGCACCCAG	2009	33059	FLT1:367L21 siNA (349C) v6 5'p antisense	pGGGUGCCUUUAAAACUC AGUUUAAAAGGCA B	2359
AACUGAGUUUAAAAGGCACCCAG	2009	33060	FLT1:367L21 siNA (349C) v7 5'p antisense	pGGGUGCCUUUAAAACUC AGUUUAAAAGGCA B	2360
AACUGAGUUUAAAAGGCACCCAG	2009	33061	FLT1:367L21 siNA (349C) v8 5'p antisense	pGGGUGCCUUUAAAACUC AGUUUAAAAGGCA B	2361
AACUGAGUUUAAAAGGCACCCAG	2009	33062	FLT1:367L21 siNA (349C) v9 5'p antisense	pGGGUGCCUUUAAAAC GUUUAAAAGGC B	2362
AACUGAGUUUAAAAGGCACCCAG	2009	33063	FLT1:367L21 siNA (349C) v10 5'p antisense	pGGGUGCCUUUAAAAC GUUUAAAAGGCA B	2363

AACUGAGUUUUAAAGGCACCCAG	2009	33064	FLT1:367L21 siNA (349C) v11 5'p antisense	pgguguccuuuuuAAAC	2364
AACUGAGUUUUAAAGGCACCCAG	2009	33121	FLT1:349U21 siNA stab22	GUUUUUAAAGGCAC B	2444
AACUGAGUUUUAAAGGCACCCAG	2009	33321	FLT1:367L21 siNA (349C) stab08 + 5' P	CUGAGUUUUAAAGGCACCTTB	2445
AACUGAGUUUUAAAGGCACCCAG	2009	33338	FLT1:367L21 siNA (349C) stab08 + 5' aminol	pGGUGccuuuuuAAAcucAGTsT	2447
AACUGAGUUUUAAAGGCACCCAG	2009	33553	FLT1:367L21 siNA (349C) stab08 + 5' aminol	L GGGUGccuuuuuAAAcucAGTsT	2447
AACUGAGUUUUAAAGGCACCCAG	2009	33571	FLT1:367L21 siNA (349C) stab10 + 5'i	L GGGUGccuuuuuAAAcucAGTsT	2448
CAUGCUGGACUGCUGGCAC	2244	33725	FLT1:3645U21 siNA stab07	IGGUGCCUUUUAAACUCAGTT	2449
AUGCUGGACUGCUGGCACA	2245	33726	FLT1:3646U21 siNA stab07	B cAuGcuGGACuGcuGGcAcTT B	2450
CAUGCUGGACUGCUGGCAC	2244	33731	FLT1:3663L21 siNA (3645C) stab08	B AuGcuGGACuGcuGGcAcATT B	2451
AUGCUGGACUGCUGGCACA	2245	33732	FLT1:3664L21 siNA (3646C) stab08	GUGccAGcAGuccAGcAuTsT	2452
CAUGCUGGACUGCUGGCAC	2244	33737	FLT1:3645U21 siNA stab09	uGUGccAGcAGuccAGcAuTsT	2453
AUGCUGGACUGCUGGCACA	2245	33738	FLT1:3646U21 siNA stab09	B CAUGCUGGACUGCUGGCACIT	2454
CAUGCUGGACUGCUGGCAC	2244	33743	FLT1:3663L21 siNA (3645C) stab10	B AUGCUGGACUGCUGGCACATT	2455
AUGCUGGACUGCUGGCACA	2245	33744	FLT1:3664L21 siNA (3646C) stab10	B	2456
CAUGCUGGACUGCUGGCAC	2244	33749	FLT1:3645U21 siNA inv stab07	UGUGCCAGCAGUCCAGCAUTsT	2457
AUGCUGGACUGCUGGCACA	2245	33750	FLT1:3646U21 siNA inv stab07	B cAcGGGucGucAGGucGuAcTT B	2458
CAUGCUGGACUGCUGGCAC	2244	33755	FLT1:3663L21 siNA (3645C) inv stab08	B AcAcGGGucGucAGGucGuAcTT B	2459
AUGCUGGACUGCUGGCACA	2245	33756	FLT1:3664L21 siNA (3646C) inv stab08	GuAcGccuGAcGAccGuGtTsT	2460
CAUGCUGGACUGCUGGCAC	2244	33761	FLT1:3645U21 siNA inv stab09	uAcGccuGAcGAccGuGtTsT	2461
AUGCUGGACUGCUGGCACA	2245	33762	FLT1:3646U21 siNA inv stab09	B CACGGUGCUGACGGUCGUACTT	2462
CAUGCUGGACUGCUGGCAC	2244	33767	FLT1:3663L21 siNA (3645C) inv stab10	B ACACGGGUGCUGACGGUCGUATT	2463
AUGCUGGACUGCUGGCACA	2245	33768	FLT1:3664L21 siNA (3646C) inv stab10	B	2464
AGUUUUAAAGGCACCCAGCACAU	2438	34092	FLT1:373L18 siNA (354C) v4 5'p	pUGCUGGGUGCCUUUUUAAA	2465
AGUUUUAAAGGCACCCAGCACAU	2438	34093	FLT1:373L17 siNA (354C) v5 5'p	AGGCACCCAGC B	2466
AGUUUUAAAGGCACCCAGCACAU	2438	34094	FLT1:373L17 siNA (354C) v6 5'p	pGCUGGGUGCCUUUUUAAA	2467
AGUUUUAAAGGCACCCAGCACAU	2438	34095	FLT1:373L17 siNA (354C) v7 5'p	AGGCACCCAGT B	2468
AGUUUUAAAGGCACCCAGCACAU	2438	34096	FLT1:373L16 siNA (354C) v8 5'p	pGCUGGGUGCCUUUUUAAA	2469
AGUUUUAAAGGCACCCAGCACAU	2438	34097	FLT1:373L16 siNA (354C) v9 5'p	AGGCACCCAG B	2470
AGUUUUAAAGGCACCCAGCACAU	2438	34098	FLT1:373L15 siNA (354C) v10 5'p	pCUGGGUGCCUUUUUAAA	2471

UGUCCAUUACCUUGAGGAGCAAG	2017	31430	KDR:3094L21 siNA (3076C) antisense	UGCUCUCACAGGUAAGUGGATT	2214
UUUGAGCAUGGAAGAGGAUUUCUG	2002	31439	KDR:3872L21 siNA (3854C) antisense	GAAUCCUUCUCCAUUCGUCATT	2049
AUGGUUCUUGCCUCAGAGAGCU	2018	31432	KDR:4107L21 siNA (4089C) antisense	CUCUUCUGAGGCAAGAACCTT	2215
UCUGAAGGCUCAAACAGACAAG	2019	31433	KDR:4209L21 siNA (4191C) antisense	UGUCUGGUUUUGAGCCUUCATT	2216
UGACCUUGGAGCAUCUCAUCUGU	2001	31434	KDR:3304U21 siNA sense	ACCUUGGAGCAUCUCAUCUTT	2044
UCACCUUUUCCUGUAUGGAGGA	2003	31436	KDR:3894U21 siNA sense	ACCUGUUUCCUGUAUGGAGTT	2046
GACAAACACAGCAGGAUAUCAGUCA	2004	31437	KDR:3948U21 siNA sense	CAACACAGCAGGAUAUCAGUTT	2047
UGACCUUGGAGCAUCUCAUCUGU	2001	31438	KDR:3322L21 siNA (3304C) antisense	AGAUGAGAUGCUCUCCAAGGUTT	2048
UCACCUUUUCCUGUAUGGAGGA	2003	31440	KDR:3912L21 siNA (3894C) antisense	CUCCAUACAGGAAACAGGUTT	2050
GACAAACACAGCAGGAUAUCAGUCA	2004	31441	KDR:3966L21 siNA (3948C) antisense	ACUGAUUCCUGCUGUGUUUGTT	2051
GACAAACACAGCAGGAUAUCAGUCA	2004	31856	KDR:3948U21 siNA stab04 sense	B cAACaAGcAGGAUAucAGuTT B	2055
GACAAACACAGCAGGAUAUCAGUCA	2004	31857	KDR:3966L21 siNA (3948C) stab05 antisense	AcuGAuuccuGcuGuGuuGTsT	2059
UUUGAGCAUGGAAGAGGAUUUCUG	2002	31858	KDR:3854U21 siNA stab07 sense	B uGAGcAuGGAAGAGGAuucTT B	2061
GACAAACACAGCAGGAUAUCAGUCA	2004	31859	KDR:3948U21 siNA stab07 sense	B cAACaAGcAGGAUAucAGuTT B	2063
UUUGAGCAUGGAAGAGGAUUUCUG	2002	31860	KDR:3872L21 siNA (3854C) stab08 antisense	GAAuccuuccuuccuGcucATsT	2226
GACAAACACAGCAGGAUAUCAGUCA	2004	31861	KDR:3966L21 siNA (3948C) stab08 antisense	AcuGAuuccuGcuGuGuuGTsT	2227
UUUGAGCAUGGAAGAGGAUUUCUG	2002	31862	KDR:3854U21 siNA stab09 sense	B UGAGCAUGGAAGAGGAUUCCTT B	2228
GACAAACACAGCAGGAUAUCAGUCA	2004	31863	KDR:3948U21 siNA stab09 sense	B CAACACAGCAGGAUAUCAGUTT B	2229
UUUGAGCAUGGAAGAGGAUUUCUG	2002	31864	KDR:3872L21 siNA (3854C) stab10 antisense	GAAUCCUUCUCCAUUCGUCATsT	2230
GACAAACACAGCAGGAUAUCAGUCA	2004	31865	KDR:3966L21 siNA (3948C) stab10 antisense	ACUGAUUCCUGCUGUGUUUGTsT	2231
UUUGAGCAUGGAAGAGGAUUUCUG	2002	31878	KDR:3854U21 siNA inv stab04 sense	B cuuA GGAGAAAGGuAcGAGuTT B	2232
GACAAACACAGCAGGAUAUCAGUCA	2004	31879	KDR:3948U21 siNA inv stab04 sense	B uGAcuAAAGcAGAcGAcAAcTT B	2233
UUUGAGCAUGGAAGAGGAUUUCUG	2002	31880	KDR:3872L21 siNA (3854C) inv stab05 antisense	AcucGuAccuuccuccuAAGTsT	2234
GACAAACACAGCAGGAUAUCAGUCA	2004	31881	KDR:3966L21 siNA (3948C) inv stab05 antisense	GuuGuGucGuccuuAGucATsT	2235
UUUGAGCAUGGAAGAGGAUUUCUG	2002	31882	KDR:3854U21 siNA inv stab07 sense	B cuuAGGAGAAAGGuAcGAGuTT B	2236
GACAAACACAGCAGGAUAUCAGUCA	2004	31883	KDR:3948U21 siNA inv stab07 sense	B uGAcuAAAGcAGAcGAcAAcTT B	2237
UUUGAGCAUGGAAGAGGAUUUCUG	2002	31884	KDR:3872L21 siNA (3854C) inv stab08 antisense	AcucGuAccuuccuccuAAGTsT	2238
GACAAACACAGCAGGAUAUCAGUCA	2004	31885	KDR:3966L21 siNA (3948C) inv stab08 antisense	GuuGuGucGuccuuAGucATsT	2239
UUUGAGCAUGGAAGAGGAUUUCUG	2002	31886	KDR:3854U21 siNA inv stab09 sense	B CUUAGGAGAAAGGuACGAGUTT B	2240
GACAAACACAGCAGGAUAUCAGUCA	2004	31887	KDR:3948U21 siNA inv stab09 sense	B UGACUAAGGACGACACAACTT B	2241

UUUGAGCAUGGAAGAGGAUUCUG	2002	31888	KDR:3872L21 siNA (3854C) inv stab10 antisense	ACUCGUACCUUCCUUAAGTsT	2242
GACAACACAGCAGGAAUAGUCA	2004	31889	KDR:3966L21 siNA (3948C) inv stab10 antisense	GUUGUGUCGUCCUUAGUCATsT	2243
CCUUUAUGAUCCAGCAAAU	2256	32238	KDR:2764U21 siNA sense	CCUUUAUGAUCCAGCAAAU	2365
CUUAUGAUCCAGCAAAUG	2257	32239	KDR:2765U21 siNA sense	CUUAUGAUCCAGCAAAUG	2366
UUUAUGAUCCAGCAAAUGG	2258	32240	KDR:2766U21 siNA sense	UUUAUGAUCCAGCAAAUGG	2367
UAUGAUCCAGCAAAUGGG	2259	32241	KDR:2767U21 siNA sense	UAUGAUCCAGCAAAUGGG	2368
AUGAUCCAGCAAAUGGGA	2260	32242	KDR:2768U21 siNA sense	AUGAUCCAGCAAAUGGGA	2369
CAGACCAUGCUGGACUGCU	2261	32243	KDR:3712U21 siNA sense	CAGACCAUGCUGGACUGCU	2370
AGACCAUGCUGGACUGCUG	2262	32244	KDR:3713U21 siNA sense	AGACCAUGCUGGACUGCUG	2371
GACCAUGCUGGACUGCUGG	2263	32245	KDR:3714U21 siNA sense	GACCAUGCUGGACUGCUGG	2372
ACCAUGCUGGACUGCUGGC	2264	32246	KDR:3715U21 siNA sense	ACCAUGCUGGACUGCUGGC	2373
CCAUGCUGGACUGCUGGCA	2265	32247	KDR:3716U21 siNA sense	CCAUGCUGGACUGCUGGCA	2374
CAGGAUGGCAAAAGACUACA	2266	32248	KDR:3811U21 siNA sense	CAGGAUGGCAAAAGACUACA	2375
AGGAUGGCAAAAGACUACAU	2267	32249	KDR:3812U21 siNA sense	AGGAUGGCAAAAGACUACAU	2376
CCUUUAUGAUCCAGCAAAU	2256	32253	KDR:2782L21 siNA (2764C) antisense	AUUUGCUGGCAUUAAGG	2377
CUUAUGAUCCAGCAAAUG	2257	32254	KDR:2783L21 siNA (2765C) antisense	CAUUUGCUGGCAUUAAGG	2378
UUUAUGAUCCAGCAAAUGG	2258	32255	KDR:2784L21 siNA (2766C) antisense	CCAUUUGCUGGCAUUAAT	2379
UAUGAUCCAGCAAAUGGG	2259	32256	KDR:2785L21 siNA (2767C) antisense	CCCAUUUGCUGGCAUUAAT	2380
AUGAUCCAGCAAAUGGGA	2260	32257	KDR:2786L21 siNA (2768C) antisense	UCCCAUUUGCUGGCAUUAAT	2381
CAGACCAUGCUGGACUGCU	2261	32258	KDR:3730L21 siNA (3712C) antisense	AGCAGUCCAGCAUGGUCUG	2382
AGACCAUGCUGGACUGCUG	2262	32259	KDR:3731L21 siNA (3713C) antisense	CAGCAGUCCAGCAUGGUCUT	2383
GACCAUGCUGGACUGCUGG	2263	32260	KDR:3732L21 siNA (3714C) antisense	CCAGCAGUCCAGCAUGGUC	2384
ACCAUGCUGGACUGCUGGC	2264	32261	KDR:3733L21 siNA (3715C) antisense	GCCAGCAGUCCAGCAUGG	2385
CCAUGCUGGACUGCUGGCA	2265	32262	KDR:3734L21 siNA (3716C) antisense	UGCCAGCAGUCCAGCAUGG	2386
CAGGAUGGCAAAAGACUACA	2266	32263	KDR:3829L21 siNA (3811C) antisense	UGUAGUCUUUGCCAUCCUG	2387
AGGAUGGCAAAAGACUACAU	2267	32264	KDR:3830L21 siNA (3812C) antisense	AUGUAGUCUUUGCCAUCCUT	2388
UGACCUUGGAGCAUCUCAUCUGU	2001	32310	KDR:3304U21 siNA stab09 sense	B ACCUUGGAGCAUCUCAUCUT B	2389
UCACCUUUUCCUGUAUGGAGGA	2003	32311	KDR:3894U21 siNA stab09 sense	B ACCUGUUUCCUGUAUGGAGT B	2390
UGACCUUGGAGCAUCUCAUCUGU	2001	32312	KDR:3322L21 siNA (3304C) stab10 antisense	AGAUGAGAUCCUCCAAGGUTsT	2391
UCACCUUUUCCUGUAUGGAGGA	2003	32313	KDR:3912L21 siNA (3894C) stab10 antisense	CUCCAUAACAGGAAACAGGUTsT	2392
UGACCUUGGAGCAUCUCAUCUGU	2001	32314	KDR:3304U21 siNA inv stab09 sense	B UCUACUCUACGAGGUUCCATT B	2393
UCACCUUUUCCUGUAUGGAGGA	2003	32315	KDR:3894U21 siNA inv stab09 sense	B GAGGUAUGUCCUUUGUCCATT B	2394
UGACCUUGGAGCAUCUCAUCUGU	2001	32316	KDR:3322L21 siNA (3304C) inv stab10 antisense	UGGAACCUCCUGUAGAGUAGATsT	2395

UCACCGUUUCCUGUAUGGAGGA	2003	32317	KDR:3912L21 siNA (3894C) inv stab10 antisense	UGGACAAAGGACAUACCUCTsT	2396
AACAGAAUUUCCUGGACAGCAA	2268	32762	KDR:828U21 siNA stab07 sense	B CAGAAUuccuGGGACAGcTT B	2397
UGGAGCAUCUCAUCUGUUAACAGC	2269	32763	KDR:3310U21 siNA stab07 sense	B GAGcAucucAucUGuUAcATT B	2398
CACGUUUUCAGAGUUGGUGGAAC	2270	32764	KDR:3758U21 siNA stab07 sense	B cGUuuucAGAGuuGGUGGATT B	2399
CUCACCGUUUCCUGUAUGGAGG	2271	32765	KDR:3893U21 siNA stab07 sense	B cAccUGuuuccUGuAUGGATT B	2400
AACAGAAUUUCCUGGACAGCAA	2268	32767	KDR:846L21 siNA (828C) stab08 antisense	GcuGucccAGGAA <u>Auu</u> cuGTsT	2401
UGGAGCAUCUCAUCUGUUAACAGC	2269	32768	KDR:3328L21 siNA (3310C) stab08 antisense	uGuAAcAGAuGAGAuGcucTsT	2402
CACGUUUUCAGAGUUGGUGGAAC	2270	32769	KDR:3776L21 siNA (3758C) stab08 antisense	uccAccAAAcucuGAAAAcGTsT	2403
CUCACCGUUUCCUGUAUGGAGG	2271	32770	KDR:3911L21 siNA (3893C) stab08 antisense	uccAuAcAGGAAAcAGGuGTsT	2404
UCACCGUUUCCUGUAUGGAGGA	2003	32771	KDR:3912L21 siNA (3894C) stab08 antisense	cuccAuAcAGGAAAcAGGuTsT	2405
AACAGAAUUUCCUGGACAGCAA	2268	32786	KDR:828U21 siNA inv stab07 sense	B cGAcAGGGuccuuuAAGAcTT B	2406
UGGAGCAUCUCAUCUGUUAACAGC	2269	32787	KDR:3310U21 siNA inv stab07 sense	B AcAuUGucuAcucuAcGAGTT B	2407
CACGUUUUCAGAGUUGGUGGAAC	2270	32788	KDR:3758U21 siNA inv stab07 sense	B AGGuGGuuGAGAcuuuuGcTT B	2408
CUCACCGUUUCCUGUAUGGAGG	2271	32789	KDR:3893U21 siNA inv stab07 sense	B AGGuAuGuccuuuGuccAcTT B	2409
UCACCGUUUCCUGUAUGGAGGA	2003	32790	KDR:3894U21 siNA inv stab07 sense	B GAGGuAuGuccuuuGuccATT B	2410
AACAGAAUUUCCUGGACAGCAA	2268	32791	KDR:846L21 siNA (828C) inv stab08 antisense	GucuuAAAGGAGcccuGucGTsT	2411
UGGAGCAUCUCAUCUGUUAACAGC	2269	32792	KDR:3328L21 siNA (3310C) inv stab08 antisense	cucGuAGAGuAGAcAAuGuTsT	2412
CACGUUUUCAGAGUUGGUGGAAC	2270	32793	KDR:3776L21 siNA (3758C) inv stab08 antisense	GcAAAAAGucucAAccAccuTsT	2413
CUCACCGUUUCCUGUAUGGAGG	2271	32794	KDR:3911L21 siNA (3893C) inv stab08 antisense	GuGGACAAAAGGAcAuAccuTsT	2414
UCACCGUUUCCUGUAUGGAGGA	2003	32795	KDR:3912L21 siNA (3894C) inv stab08 antisense	uGGACAAAAGGAcAuAccuTsT	2415
AACAGAAUUUCCUGGACAGCAA	2268	32958	KDR:828U21 siNA stab09 sense	B CAGAAUUUCCUGGACAGcTT B	2416
UGGAGCAUCUCAUCUGUUAACAGC	2269	32959	KDR:3310U21 siNA stab09 sense	B GAGCAUCUCAUCUGUUAcATT B	2417
CACGUUUUCAGAGUUGGUGGAAC	2270	32960	KDR:3758U21 siNA stab09 sense	B CGUUUUCAGAGUUGGUGGATT B	2418
CUCACCGUUUCCUGUAUGGAGG	2271	32961	KDR:3893U21 siNA stab09 sense	B CACCUGUUUCCUGUAUGGATT B	2419
AACAGAAUUUCCUGGACAGCAA	2268	32963	KDR:846L21 siNA (828C) stab10 antisense	GCUGUCCCAGGAAAUUCUGTsT	2420
UGGAGCAUCUCAUCUGUUAACAGC	2269	32964	KDR:3328L21 siNA (3310C) stab10 antisense	UGUAACAGAUAGAGUcucTsT	2421
CACGUUUUCAGAGUUGGUGGAAC	2270	32965	KDR:3776L21 siNA (3758C) stab10 antisense	UCCACCAACUCUGAAAAcGTsT	2422

CUCACCCUGUUUCCUGUAUGGAGG	2271	32966	KDR:3911L21 siNA (3893C) stab10 antisense	UCCAUACAGGAAACAGGUGTsT	2423
AACAGAAUUUCCUGGACAGCAA	2268	32988	KDR:828U21 siNA inv stab09 sense	B CGACAGGGUCCUUUAAGACTT B	2424
UGGAGCAUCUCAUCUGUAACAGC	2269	32989	KDR:3310U21 siNA inv stab09 sense	B ACAUUGUCUACUCUACGAGTT B	2425
CACGUUUUUCAGAGUUGGUGAAC	2270	32990	KDR:3758U21 siNA inv stab09 sense	B AGGUGGUUGAGACUUIUGCTT B	2426
CUCACCCUGUUUCCUGUAUGGAGG	2271	32991	KDR:3893U21 siNA inv stab09 sense	B AGGUAUGUCCUUUGUCCACTT B	2427
AACAGAAUUUCCUGGACAGCAA	2268	32993	KDR:846L21 siNA (828C) inv stab10 antisense	GUCUUAAAGGACCCUGUCGTsT	2428
UGGAGCAUCUCAUCUGUAACAGC	2269	32994	KDR:3328L21 siNA (3310C) inv stab10 antisense	CUCGUAGAGUAGACAAUGUTsT	2429
CACGUUUUUCAGAGUUGGUGAAC	2270	32995	KDR:3706L21 siNA (3758C) inv stab10 antisense	GCAAAAGUCUCUACACCACCTsT	2430
CUCACCCUGUUUCCUGUAUGGAGG	2271	32996	KDR:3911L21 siNA (3893C) inv stab10 antisense	GUGGACAAAAGGACAUACCTsT	2431
UAUGAUGCCAGCAAAUGGG	2259	33727	KDR:2767U21 siNA stab07	B uAuGauGccAGcAAuAGGGTT B	2494
AUGAUGCCAGCAAAUGGGA	2260	33728	KDR:2768U21 siNA stab07	B AuGauGccAGcAAuAGGGATT B	2495
ACCAUGCUGGACUGCUGGC	2264	33729	KDR:3715U21 siNA stab07	B AccAuGcuGGAcuGcuGGcTT B	2496
CCAUGCUGGACUGCUGGCA	2265	33730	KDR:3716U21 siNA stab07	B ccAuGcuGGAcuGcuGGcATT B	2497
UAUGAUGCCAGCAAAUGGG	2259	33733	KDR:2785L21 siNA (2767C) stab08	cccAuuuGcuGGcAucAuATsT	2498
AUGAUGCCAGCAAAUGGGA	2260	33734	KDR:2786L21 siNA (2768C) stab08	ucccAuuuGcuGGcAucAuTsT	2499
ACCAUGCUGGACUGCUGGC	2264	33735	KDR:3733L21 siNA (3715C) stab08	GccAGcAGuccAGcAuGGUtsT	2500
CCAUGCUGGACUGCUGGCA	2265	33736	KDR:3734L21 siNA (3716C) stab08	uGccAGcAGuccAGcAuGGTsT	2501
UAUGAUGCCAGCAAAUGGG	2259	33739	KDR:2767U21 siNA stab09	B UAUGAUGCCAGCAAAUGGGTT B	2502
AUGAUGCCAGCAAAUGGGA	2260	33740	KDR:2768U21 siNA stab09	B AUGAUGCCAGCAAAUGGGATT B	2503
ACCAUGCUGGACUGCUGGC	2264	33741	KDR:3715U21 siNA stab09	B ACCAUGCUGGACUGGCGTT B	2504
CCAUGCUGGACUGCUGGCA	2265	33742	KDR:3716U21 siNA stab09	B CCAUGCUGGACUGGCGCATT B	2505
UAUGAUGCCAGCAAAUGGG	2259	33745	KDR:2785L21 siNA (2767C) stab10	CCCAUUIUGCUGGGCAUCAUATsT	2506
AUGAUGCCAGCAAAUGGGA	2260	33746	KDR:2786L21 siNA (2768C) stab10	UCCCAUUIUGCUGGGCAUCAUTsT	2507
ACCAUGCUGGACUGCUGGC	2264	33747	KDR:3733L21 siNA (3715C) stab10	GCCAGCAGUCCAGCAUGGUTsT	2508
CCAUGCUGGACUGCUGGCA	2265	33748	KDR:3734L21 siNA (3716C) stab10	UGCCAGCAGUCCAGCAUGGUTsT	2509
UAUGAUGCCAGCAAAUGGG	2259	33751	KDR:2767U21 siNA inv stab07	B GGGuAAAcGAccGuAGuAuTT B	2510
AUGAUGCCAGCAAAUGGGA	2260	33752	KDR:2768U21 siNA inv stab07	B AGGGuAAAcGAccGuAGuATT B	2511
ACCAUGCUGGACUGCUGGC	2264	33753	KDR:3715U21 siNA inv stab07	B cGGGucGucAGGGuGcAccATT B	2512
CCAUGCUGGACUGCUGGCA	2265	33754	KDR:3716U21 siNA inv stab07	B AcGGGucGucAGGGuGcAccTT B	2513
UAUGAUGCCAGCAAAUGGG	2259	33757	KDR:2785L21 siNA (2767C) inv stab08	AuAcuAcGGGGuuuuAcccTsT	2514
AUGAUGCCAGCAAAUGGGA	2260	33758	KDR:2786L21 siNA (2768C) inv stab08	uAcuAcGGGGuuuuAcccuTsT	2515
ACCAUGCUGGACUGCUGGC	2264	33759	KDR:3733L21 siNA (3715C) inv	uGGuAcGAccuGAcGAccGTsT	2516

			stab08			
CCAUGCUGGACUGCUGGCA	2265	33760	KDR:3734L21 siNA (3716C) inv stab08	GGUAcGAccuGAcGAccGuTsT	2517	
UAUGAUGCCAGCAAAUGGG	2259	33763	KDR:2767U21 siNA inv stab09	B GGGUAAACGACCCGUAGUAUTT B	2518	
AUGAUGCCAGCAAAUGGGA	2260	33764	KDR:2768U21 siNA inv stab09	B AGGGUAAACGACCCGUAGUAUTT B	2519	
ACCAUGCUGGACUGCUGGC	2264	33765	KDR:3715U21 siNA inv stab09	B CGGUCGUCAGGUCGUAACCATT B	2520	
CCAUGCUGGACUGCUGGCA	2265	33766	KDR:3716U21 siNA inv stab09	B ACGGUCGUCAGGUCGUAACCTT B	2521	
UAUGAUGCCAGCAAAUGGG	2259	33769	KDR:2785L21 siNA (2767C) inv stab10	AUACUACGGUCGUAUUUACCCCTsT	2522	
AUGAUGCCAGCAAAUGGGA	2260	33770	KDR:2786L21 siNA (2768C) inv stab10	UACUACGGUCGUAUUUACCCUTsT	2523	
ACCAUGCUGGACUGCUGGC	2264	33771	KDR:3733L21 siNA (3715C) inv stab10	UGGUACGACCCUGACGACCGTsT	2524	
CCAUGCUGGACUGCUGGCA	2265	33772	KDR:3734L21 siNA (3716C) inv stab10	GGUACGACCCUGACGACCCGUTsT	2525	

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Target	Seq ID	COMPOUND#	Aliases	Sequence	Seq ID
AGCACUGCCACAAAGAUACCUG	2005	31904	FLT4:2011U21 siNA sense	CACUGCCACAAAGAUACCCTT	2068
CUGAAGCAGAGAGAGAGGCA	2006		FLT4:3921U21 siNA sense	GAAGCAGAGAGAGAGAGGTT	2069
AAAGAGAACCCAGGAGGACAAGA	2007		FLT4:4038U21 siNA sense	AGAGGAACCCAGGAGGACAATT	2070
GACAAAGGAGCAUGAAAGUGGA	2008		FLT4:4054U21 siNA sense	CAAGAGGAGCAUGAAAGUGTT	2071
AGCACUGCCACAAAGAUACCUG	2005	31908	FLT4:2029L21 siNA (2011C) antisense	GGUACUUCUUGUGGCAGUGTT	2072
CUGAAGCAGAGAGAGAGGCA	2006		FLT4:3939L21 siNA (3921C) antisense	CCUUCUCUCUCUCUGCUUCTT	2073
AAAGAGGAACCCAGGAGGACAAGA	2007		FLT4:4056L21 siNA (4038C) antisense	UUGUCCUCCUGGUUCCUCUTT	2074
GACAAAGGAGCAUGAAAGUGGA	2008		FLT4:4072L21 siNA (4054C) antisense	CACUUUCAUGCUCUCCUUGTT	2075
AGCACUGCCACAAAGAUACCUG	2005		FLT4:2011U21 siNA stab04 sense	B cAcuGccAcAAAGAAcGuAccTT B	2076
CUGAAGCAGAGAGAGAGGCA	2006		FLT4:3921U21 siNA stab04 sense	B GAAGcAGAGAGAGAGAGGTT B	2077
AAAGAGGAACCCAGGAGGACAAGA	2007		FLT4:4038U21 siNA stab04 sense	B AGAGGAaccAGGAGGACAATT B	2078
GACAAAGGAGCAUGAAAGUGGA	2008		FLT4:4054U21 siNA stab04 sense	B cAAGAGGAGcAuGAAAGuGTT B	2079
AGCACUGCCACAAAGAUACCUG	2005		FLT4:2029L21 siNA (2011C) stab05 antisense	GGuAcuucuuGuGGcAGuGTsT	2080
AAAGAGGAGGAGCAUGAAAGUGGA	2006		FLT4:3939L21 siNA (3921C) stab05 antisense	ccuucucucucucucGcuucTsT	2081
GACAAAGGAGCAUGAAAGUGGA	2007		FLT4:4056L21 siNA (4038C) stab05 antisense	uuGuccuccuUGGuuccucucTsT	2082
GACAAAGGAGCAUGAAAGUGGA	2008		FLT4:4072L21 siNA (4054C) stab05 antisense	cAcuucAuGcuccucuuGTsT	2083
AGCACUGCCACAAAGAUACCUG	2005		FLT4:2011U21 siNA stab07 sense	B cAcuGccAcAAAGAAcGuAccTT B	2084
CUGAAGCAGAGAGAGAGGCA	2006		FLT4:3921U21 siNA stab07 sense	B GAAGcAGAGAGAGAGAGGTT B	2085
AAAGAGGAACCCAGGAGGACAAGA	2007		FLT4:4038U21 siNA stab07 sense	B AGAGGAaccAGGAGGACAATT B	2086
GACAAAGGAGCAUGAAAGUGGA	2008		FLT4:4054U21 siNA stab07 sense	B cAAGAGGAGcAuGAAAGuGTT B	2087
AGCACUGCCACAAAGAUACCUG	2005		FLT4:2029L21 siNA (2011C) stab11 antisense	GGuAcuucuuGuGGcAGuGTsT	2088

CUGAAGCAGAGAGAGAGGCA	2006		FLT4:3939L21 siNA (3921C) stab11 antisense	ccuucucucucucGcuucTsT	2089
AAAGAGGAACAGGAGGACAAGA	2007		FLT4:4056L21 siNA (4038C) stab11 antisense	uuGuccucucGGuuccucTsT	2090
GACAAGAGGAGCAUGAAAGUGGA	2008		FLT4:4072L21 siNA (4054C) stab11 antisense	cAcuuucAuGcuccucuuGTsT	2091
ACUUCUAUGUGACCACCAUCCCC	2272	31902	FLT4:1666U21 siNA sense	UUCUAUGUGACCACCAUCCTT	2432
CAAGCACUGGCCACAAGAUACC	2273	31903	FLT4:2009U21 siNA sense	AGCACUGGCCACAAGAAGUATT	2433
AGUACGGCAACCCUCGCCAACUUC	2274	31905	FLT4:2815U21 siNA sense	UACGGCAACCCUCUCCAACUTT	2434
ACUUCUAUGUGACCACCAUCCCC	2272	31906	FLT4:1684L21 siNA (1666C) antisense	GGAUGGUGGUCACAUAGAATT	2435
CAAGCACUGGCCACAAGAUACC	2273	31907	FLT4:2027L21 siNA (2009C) antisense	UACUUCUUGUGGCAGUGCUTT	2436
AGUACGGCAACCCUCUCCAACUUC	2274	31909	FLT4:2833L21 siNA (2815C) antisense	AGUUGGAGAGGUUGCCGUATT	2437
CUGCCAUGUACAAGUGUGUGUC	2440	34383	FLT4:1609U21 siNA stab09	B GCCAUGUACAAGUGUGUGGTT B	2526
ACUUCUAUGUGACCACCAUCCCC	2272	34384	FLT4:1666U21 siNA stab09	B UUCUAUGUGACCACCAUCCTT B	2527
CAAGCACUGGCCACAAGAUACC	2273	34385	FLT4:2009U21 siNA stab09	B AGCACUGGCCACAAGAAGUATT B	2528
AGCACUGGCCACAAGAUACCUG	2005	34386	FLT4:2011U21 siNA stab09	B CACUGGCCACAAGAAGUACCTT B	2529
ACUGCCACAAGAUACCUGUCG	2441	34387	FLT4:2014U21 siNA stab09	B UGCCACAAGAAGUACCUGUTT B	2530
AGUACGGCAACCCUCUCCAACUUC	2274	34388	FLT4:2815U21 siNA stab09	B UACGGCAACCCUCUCCAACUTT B	2531
UGGUGAAGAUUCUGUGACUUUGGC	2442	34389	FLT4:3172U21 siNA stab09	B GUGAAGAUUCUGUGACUUUGTT B	2532
GAAGAUUCUGUGACUUUGGCCUUG	2443	34390	FLT4:3176U21 siNA stab09	B AGAUCUGUGACUUUGGCCUTT B	2533
CUGCCAUGUACAAGUGUGUGUC	2440	34391	FLT4:1627L21 siNA (1609C) stab10	CCACACACUUUGUACAUGGCTsT	2534
ACUUCUAUGUGACCACCAUCCCC	2272	34392	FLT4:1684L21 siNA (1666C) stab10	GGAUGGUGGUCACAUAGAATsT	2535
CAAGCACUGGCCACAAGAUACC	2273	34393	FLT4:2027L21 siNA (2009C) stab10	UACUUCUUGUGGCAGUGCUTsT	2536
AGCACUGGCCACAAGAUACCUG	2005	34394	FLT4:2029L21 siNA (2011C) stab10	GGUACUUCUUGUGGCAGUGTsT	2537
ACUGCCACAAGAUACCUGUCG	2441	34395	FLT4:2032L21 siNA (2014C) stab10	ACAGGUACUUCUUGUGGCATsT	2538
AGUACGGCAACCCUCUCCAACUUC	2274	34396	FLT4:2833L21 siNA (2815C) stab10	AGUUGGAGAGGUUGCCGUATsT	2539
UGGUGAAGAUUCUGUGACUUUGGC	2442	34397	FLT4:3190L21 siNA (3172C) stab10	CAAAAGUCACAGAUUCUACACTsT	2540
GAAGAUUCUGUGACUUUGGCCUUG	2443	34398	FLT4:3194L21 siNA (3176C) stab10	AGGCCAAAAGUCACAGAUUCUTsT	2541
CUGCCAUGUACAAGUGUGUGUC	2440	34399	FLT4:1627L21 siNA (1609C) stab08	ccAcAcAcuuGuAcAuGGcTsT	2542

ACUUCUAUGUGACCAUCCUCC	2272	34400	FLT4:1684L21 siNA (1666C) stab08	GGAUGGUGGUC <u>AcA</u> uAGAA <u>TsT</u>	2543
CAAGCACUGGCCACAAGAGUACC	2273	34401	FLT4:2027L21 siNA (2009C) stab08	u <u>Acuucuu</u> GuGG <u>CAGuGcu</u> <u>TsT</u>	2544
AGCACUGGCCACAAGAGUACCUUG	2005	34402	FLT4:2029L21 siNA (2011C) stab08	<u>GGu</u> <u>Acuucuu</u> GuGG <u>CAGuG</u> <u>TsT</u>	2545
ACUGCCACAAGAGUACCUUGCG	2441	34403	FLT4:2032L21 siNA (2014C) stab08	AcAGG <u>uAcuucuu</u> GuGG <u>CATsT</u>	2546
AGUACGGCAACCUUCUCCAA <u>CuUC</u>	2274	34404	FLT4:2833L21 siNA (2815C) stab08	<u>AGuu</u> GGAGAGG <u>uuGcc</u> Gu <u>ATsT</u>	2547
UGGUGAAGAUUCUGUGACUUUUGGC	2442	34405	FLT4:3190L21 siNA (3172C) stab08	<u>cAAAGucAc</u> AGA <u>ucuu</u> <u>cAcTsT</u>	2548
GAAGAUCUGUGACUUUUGGCCUUG	2443	34406	FLT4:3194L21 siNA (3176C) stab08	<u>AGGccAAA</u> G <u>ucAc</u> AGA <u>ucuu</u> <u>TsT</u>	2549

VEGFR1 and VEGFR2 homologous sequences

Target	Seq ID	Compound #	Aliases	Sequence	Seq ID
CAUGCUGGACUGCUGGCAC	2244	32235	FLT1:3645U21 siNA	CAUGCUGGACUGCUGGCACATT	2275
AUGCUGGACUGCUGGCACA	2245	32236	FLT1:3646U21 siNA	AUGCUGGACUGCUGGCACATT	2276
UGCUGGACUGCUGGCACAG	2246	32237	FLT1:3647U21 siNA	UGCUGGACUGCUGGCACAGTT	2277
CAUGCUGGACUGCUGGCAC	2244	32250	FLT1:3663L21 siNA (3645C)	GUGCCAGCAGUCCAGCAUGTT	2278
AUGCUGGACUGCUGGCACA	2245	32251	FLT1:3664L21 siNA (3646C)	UGUGCCAGCAGUCCAGCAUUTT	2279
UGCUGGACUGCUGGCACAG	2246	32252	FLT1:3665L21 siNA (3647C)	CUGUGCCAGCAGUCCAGCATT	2280
CCUUAUGAUGCCAGCAAU	2256	32238	KDR:2764U21 siNA	CCUUAUGAUGCCAGCAAUUTT	2365
CUUAUGAUGCCAGCAAUG	2257	32239	KDR:2765U21 siNA	CUUAUGAUGCCAGCAAUUTT	2366
UUAUGAUGCCAGCAAUUGG	2258	32240	KDR:2766U21 siNA	UUAUGAUGCCAGCAAUUGTT	2367
UAUGAUGCCAGCAAUUGG	2259	32241	KDR:2767U21 siNA	UAUGAUGCCAGCAAUUGGTT	2368
AUGAUGCCAGCAAUUGGA	2260	32242	KDR:2768U21 siNA	AUGAUGCCAGCAAUUGGATT	2369
CAGACCAUGCUGGACUGCU	2261	32243	KDR:3712U21 siNA	CAGACCAUGCUGGACUGCUUTT	2370
AGACCAUGCUGGACUGCUG	2262	32244	KDR:3713U21 siNA	AGACCAUGCUGGACUGCUGTT	2371
GACCAUGCUGGACUGCUGG	2263	32245	KDR:3714U21 siNA	GACCAUGCUGGACUGCUGGTT	2372
ACCAUGCUGGACUGCUGGC	2264	32246	KDR:3715U21 siNA	ACCAUGCUGGACUGCUGGCUTT	2373
CCAUGCUGGACUGCUGGCA	2265	32247	KDR:3716U21 siNA	CCAUGCUGGACUGCUGGCATT	2374
CAGGAUGGCAAAGACUACA	2266	32248	KDR:3811U21 siNA	CAGGAUGGCAAAGACUACATT	2375
AGGAUGGCAAAGACUACAU	2267	32249	KDR:3812U21 siNA	AGGAUGGCAAAGACUACAUUTT	2376
CCUUAUGAUGCCAGCAAU	2256	32253	KDR:2782L21 siNA (2764C)	AUUUGCUGGCAUCAUAAGGTT	2377
CUUAUGAUGCCAGCAAU	2257	32254	KDR:2783L21 siNA (2765C)	CAUUUGCUGGCAUCAUAAGTT	2378
UUAUGAUGCCAGCAAUUGG	2258	32255	KDR:2784L21 siNA (2766C)	CCAUUUUGCUGGCAUCAUAATT	2379
UAUGAUGCCAGCAAUUGG	2259	32256	KDR:2785L21 siNA (2767C)	CCCAUUUUGCUGGCAUCAUAATT	2380
AUGAUGCCAGCAAUUGGGA	2260	32257	KDR:2786L21 siNA (2768C)	UCCCAUUUUGCUGGCAUCAUUTT	2381
CAGACCAUGCUGGACUGCU	2261	32258	KDR:3730L21 siNA (3712C)	AGCAGUCCAGCAUGGUCUGTT	2382
AGACCAUGCUGGACUGCUG	2262	32259	KDR:3731L21 siNA (3713C)	CAGCAGUCCAGCAUGGUCUUTT	2383
GACCAUGCUGGACUGCUGG	2263	32260	KDR:3732L21 siNA (3714C)	CCAGCAGUCCAGCAUGGUCUUTT	2384
ACCAUGCUGGACUGCUGGC	2264	32261	KDR:3733L21 siNA (3715C)	GCCAGCAGUCCAGCAUGGUTT	2385
CCAUGCUGGACUGCUGGCA	2265	32262	KDR:3734L21 siNA (3716C)	UGCCAGCAGUCCAGCAUGGTT	2386
CAGGAUGGCAAAGACUACA	2266	32263	KDR:3829L21 siNA (3811C)	UGUAGUCUUUUGCCAUCCUGTT	2387
AGGAUGGCAAAGACUACAU	2267	32264	KDR:3830L21 siNA (3812C)	AUGUAGUCUUUUGCCAUCCUUTT	2388
CAUGCUGGACUGCUGGCAC	2244	33725	FLT1:3645U21 siNA stab07	B cAuGcuGGAcuGcuGGcAcATT B	2449
AUGCUGGACUGCUGGCACA	2245	33726	FLT1:3646U21 siNA stab07	B AuGcuGGAcuGcuGGcAcATT B	2450
CAUGCUGGACUGCUGGCAC	2244	33731	FLT1:3663L21 siNA (3645C) stab08	GUGccAGcAGuccAGcAUGTsT	2451
AUGCUGGACUGCUGGCACA	2245	33732	FLT1:3664L21 siNA (3646C) stab08	uGUccAGcAGuccAGcAUGTsT	2452

CAUGCUGGACUCUGGCAC	2244	33737	FLT1:3645U21 siNA stab09	B CAUGCUGGACUCUGGCACCTT B	2453
AUGCUGGACUCUGGCACA	2245	33738	FLT1:3646U21 siNA stab09	B AUGCUGGACUCUGGCACATT B	2454
CAUGCUGGACUCUGGCAC	2244	33743	FLT1:3663L21 siNA (3645C) stab10	GUGCCAGCAGUCCAGCAUGTsT	2455
AUGCUGGACUCUGGCACA	2245	33744	FLT1:3664L21 siNA (3646C) stab10	UGUGCCAGCAGUCCAGCAUtsT	2456
CAUGCUGGACUCUGGCAC	2244	33749	FLT1:3645U21 siNA inv stab07	B cAcGGGucAGGucGuAcTT B	2457
AUGCUGGACUCUGGCACA	2245	33750	FLT1:3646U21 siNA inv stab07	B AcAcGGucGucAGGucGuATT B	2458
CAUGCUGGACUCUGGCAC	2244	33755	FLT1:3663L21 siNA (3645C) inv stab08	G <u>u</u> AcG <u>accu</u> GAcG <u>acc</u> GuGTsT	2459
AUGCUGGACUCUGGCACA	2245	33756	FLT1:3664L21 siNA (3646C) inv stab08	uAcG <u>accu</u> GAcG <u>acc</u> GuTsT	2460
CAUGCUGGACUCUGGCAC	2244	33761	FLT1:3645U21 siNA inv stab09	B CACGGUCGUCAGGUCGUACTT B	2461
AUGCUGGACUCUGGCACA	2245	33762	FLT1:3646U21 siNA inv stab09	B ACACGGUCGUCAGGUCGUATT B	2462
CAUGCUGGACUCUGGCAC	2244	33767	FLT1:3663L21 siNA (3645C) inv stab10	GUACGACCUGACGACCCGUGTsT	2463
AUGCUGGACUCUGGCACA	2245	33768	FLT1:3664L21 siNA (3646C) inv stab10	UACGACCUCGACGACCCGUGUTsT	2464
UAUGAUGCCAGCAAAUGGG	2259	33727	KDR:2767U21 siNA stab07	B uAuGAuGccAGcAA <u>AAu</u> GGGT B	2494
AUGAUGCCAGCAAAUGGGA	2260	33728	KDR:2768U21 siNA stab07	B AuGAuGccAGcAA <u>AAu</u> GGGATT B	2495
ACCAUGCUGGACUCUGGC	2264	33729	KDR:3715U21 siNA stab07	B AccAuGcuGGAcuGcuGGcTT B	2496
CCAUGCUGGACUCUGGCA	2265	33730	KDR:3716U21 siNA stab07	B ccAuGcuGGAcuGcuGGcATT B	2497
UAUGAUGCCAGCAAAUGGG	2259	33733	KDR:2785L21 siNA (2767C) stab08	ccc <u>AAuuu</u> GcuGGcAuc <u>Au</u> ATsT	2498
AUGAUGCCAGCAAAUGGGA	2260	33734	KDR:2786L21 siNA (2768C) stab08	uccc <u>AAuuu</u> GcuGGcAuc <u>Au</u> ATsT	2499
ACCAUGCUGGACUCUGGC	2264	33735	KDR:3733L21 siNA (3715C) stab08	GccAGcAGuccAGcA <u>u</u> GGTsT	2500
CCAUGCUGGACUCUGGCA	2265	33736	KDR:3734L21 siNA (3716C) stab08	uGccAGcAGuccAGcA <u>u</u> GGTsT	2501
UAUGAUGCCAGCAAAUGGG	2259	33739	KDR:2767U21 siNA stab09	B UAUGAUGCCAGCAAAUGGGTT B	2502
AUGAUGCCAGCAAAUGGGA	2260	33740	KDR:2768U21 siNA stab09	B AUGAUGCCAGCAAAUGGGATT B	2503
ACCAUGCUGGACUCUGGC	2264	33741	KDR:3715U21 siNA stab09	B ACCAUGCUGGACUCUGGCTT B	2504
CCAUGCUGGACUCUGGCA	2265	33742	KDR:3716U21 siNA stab09	B CCAUGCUGGACUCUGGCTT B	2505
UAUGAUGCCAGCAAAUGGG	2259	33745	KDR:2785L21 siNA (2767C) stab10	CCCAUUUGCUGGCAUCAUATsT	2506
AUGAUGCCAGCAAAUGGGA	2260	33746	KDR:2786L21 siNA (2768C) stab10	UCCCAUUUGCUGGCAUCAUtsT	2507
ACCAUGCUGGACUCUGGC	2264	33747	KDR:3733L21 siNA (3715C) stab10	GCCAGCAGUCCAGCAUGGUTsT	2508
CCAUGCUGGACUCUGGCA	2265	33748	KDR:3734L21 siNA (3716C) stab10	UGCCAGCAGUCCAGCAUGGTsT	2509
UAUGAUGCCAGCAAAUGGG	2259	33751	KDR:2767U21 siNA inv stab07	B GGGuAAAcGaccGuAGuATT B	2510
AUGAUGCCAGCAAAUGGGA	2260	33752	KDR:2768U21 siNA inv stab07	B AGGGuAAAcGaccGuAGuATT B	2511
ACCAUGCUGGACUCUGGC	2264	33753	KDR:3715U21 siNA inv stab07	B cGGucGucAGGucGuAccATT B	2512
CCAUGCUGGACUCUGGCA	2265	33754	KDR:3716U21 siNA inv stab07	B AcGGucGucAGGucGuAccTT B	2513
UAUGAUGCCAGCAAAUGGG	2259	33757	KDR:2785L21 siNA (2767C) inv stab08	A <u>u</u> AcuAcGGGucGuuuA <u>ccc</u> TsT	2514

AUGAUGCCAGCAAAUGGGA	2260	33758	KDR:2786L21 siNA (2768C) inv stab08	uA <u>u</u> A <u>c</u> G <u>G</u> u <u>c</u> G <u>u</u> u <u>u</u> A <u>c</u> c <u>c</u> uT <u>s</u> T	2515
ACCAUGCUGGACUGCUGGC	2264	33759	KDR:3733L21 siNA (3715C) inv stab08	uGG <u>u</u> A <u>c</u> G <u>A</u> cc <u>u</u> G <u>A</u> cG <u>A</u> ccG <u>T</u> sT	2516
CCAUGCUGGACUGCUGGCA	2265	33760	KDR:3734L21 siNA (3716C) inv stab08	G <u>G</u> uA <u>c</u> G <u>A</u> cc <u>u</u> G <u>A</u> cG <u>A</u> ccG <u>T</u> sT	2517
UAUGAUGCCAGCAAAUGGG	2259	33763	KDR:2767U21 siNA inv stab09	B GGGUAAACGACCCGUA <u>G</u> UAU <u>T</u> T B	2518
AUGAUGCCAGCAAAUGGGA	2260	33764	KDR:2768U21 siNA inv stab09	B AGGGUAAACGACCCGUA <u>G</u> UAU <u>T</u> T B	2519
ACCAUGCUGGACUGCUGGC	2264	33765	KDR:3715U21 siNA inv stab09	B CGGUCGUCAGGUGC <u>G</u> UA <u>C</u> CA <u>T</u> T B	2520
CCAUGCUGGACUGCUGGCA	2265	33766	KDR:3716U21 siNA inv stab09	B ACGGUCGUCAGGUGC <u>G</u> UA <u>C</u> CA <u>T</u> T B	2521
UAUGAUGCCAGCAAAUGGG	2259	33769	KDR:2785L21 siNA (2767C) inv stab10	AUACUACGGUCG <u>U</u> U <u>U</u> UACCC <u>T</u> sT	2522
AUGAUGCCAGCAAAUGGGA	2260	33770	KDR:2786L21 siNA (2768C) inv stab10	UACUACGGUCG <u>U</u> U <u>U</u> UACCC <u>U</u> TsT	2523
ACCAUGCUGGACUGCUGGC	2264	33771	KDR:3733L21 siNA (3715C) inv stab10	UGGUACGACCU <u>G</u> ACGACCGC <u>T</u> sT	2524
CCAUGCUGGACUGCUGGCA	2265	33772	KDR:3734L21 siNA (3716C) inv stab10	GGUACGACCU <u>G</u> ACGACCGC <u>U</u> TsT	2525

Uppercase = ribonucleotide

u,c = 2'-deoxy-2'-fluoro U,C

T = thymidine

B = inverted deoxy abasic

s = phosphorothioate linkage

A = deoxy Adenosine

G = deoxy Guanosine

A = 2'-O-methyl Adenosine

G = 2'-O-methyl Guanosine

X = nitroindole universal base

Z = nitropyrolole universal base

Y = 3',3'-inverted thymidine

M = glyceryl

N = 3'-O-methyl uridine

P = L-thymidine

Q = L-uridine

R = 5-bromo-deoxy-uridine

Z = sbL: symmetrical
bifunctional linker
H = chol2: capped Cholesterol
TEG
L = C18 phospholipid

Sequence alignments between select Human (h), Rat (r), and Mouse (m) VEGFr1 (FLT1) and VEGFr2 (KDR) 23mer target sequences

Gene	Pos	Sequence	SEQ ID
hFLT1	3645	AUCAUGCUGGACUCUGGCGACAG	2572
hKDR	3717	AcCAUGCUGGACUCUGGCGACgG	2573
mFLT1	3422	AUCAUGUUGGAUUGCUGGCGACAa	2574
mKDR	3615	AcCAUGCUGGACUCUGGCGAUga	2575
rFLT1	3632	AUCAUGCUGGAUUGCUGGCGACAa	2576
rKDR	3650	AcCAUGCUGGAUUGCUGGCGAUga	2577
hFLT1	3646	UCAUGCUGGACUCUGGCGACAGA	2578
hKDR	3718	cCAUGCUGGACUCUGGCGACgGg	2579
mFLT1	3423	UCAUGUUGGAUUGCUGGCGACAaA	2580
mKDR	3616	cCAUGCUGGACUCUGGCGAUgag	2581
rFLT1	3633	UCAUGCUGGAUUGCUGGCGACAaA	2582
rKDR	3651	cCAUGCUGGAUUGCUGGCGAUgag	2583
hFLT1	3647	CAUGCUGGACUCUGGCGACAGAG	2584
hKDR	3719	CAUGCUGGACUCUGGCGACgGg	2585
mFLT1	3424	CAUGUUGGAUUGCUGGCGACAaAG	2586
mKDR	3617	CAUGCUGGACUCUGGCGAUgagG	2587
rFLT1	3634	CAUGCUGGAUUGCUGGCGACAaAG	2588
rKDR	3652	CAUGCUGGAUUGCUGGCGAUgagG	2589
hKDR	2764	UGCCUUUAUGAUGCCAGCAAAUGG	2590
hFLT1	2689	UcCCUUUAUGAUGCCAGCAAgUGG	2591
mFLT1	2469	UGCCcUAUGAUGCCAGCAAgUGG	2592
mKDR	2662	UGCCUUUAUGAUGCCAGCAAgUGG	2593
rFLT1	2676	UGCCcUAUGAUGCCAGCAAgUGG	2594
rKDR	2697	UGCCUUUAUGAUGCCAGCAAgUGG	2595
hKDR	2765	GCCUUUAUGAUGCCAGCAAAUGGG	2596
hFLT1	2690	cCCUUUAUGAUGCCAGCAAgUGGG	2597
mFLT1	2470	GCCcUAUGAUGCCAGCAAgUGGG	2598
mKDR	2663	GCCUUUAUGAUGCCAGCAAgUGGG	2599
rFLT1	2677	GCCcUAUGAUGCCAGCAAgUGGG	2600

rKDR	2698	GCCUUAUGAUGCCAGCAAgUGGG	2601
hKDR	2766	CCUUAUGAUGCCAGCAAAUGGGA	2602
hFLT1	2691	CCUUAUGAUGCCAGCAAgUGGGA	2603
mFLT1	2471	CCcUAUGAUGCCAGCAAgUGGGA	2604
mKDR	2684	CCUUAUGAUGCCAGCAAgUGGGA	2605
rFLT1	2678	CCcUAUGAUGCCAGCAAgUGGGA	2606
rKDR	2699	CCUUAUGAUGCCAGCAAgUGGGA	2607
hKDR	2767	CUUAUGAUGCCAGCAAAUGGGAA	2608
hFLT1	2692	CUUAUGAUGCCAGCAAgUGGGAg	2609
mFLT1	2472	CcUAUGAUGCCAGCAAgUGGGAg	2610
mKDR	2665	CUUAUGAUGCCAGCAAgUGGGAA	2611
rFLT1	2679	CcUAUGAUGCCAGCAAgUGGGAg	2612
rKDR	2700	CUUAUGAUGCCAGCAAgUGGGAg	2613
hKDR	2768	UUAUGAUGCCAGCAAAUGGGAAU	2614
hFLT1	2693	UUAUGAUGCCAGCAAgUGGGAgU	2615
mFLT1	2473	cUAUGAUGCCAGCAAgUGGGAgU	2616
mKDR	2666	UUAUGAUGCCAGCAAgUGGGAAU	2617
rFLT1	2680	cUAUGAUGCCAGCAAgUGGGAgU	2618
rKDR	2701	UUAUGAUGCCAGCAAgUGGGAgU	2619
hKDR	3712	ACCAGACCAUGCUGGACUCUGG	2620
hFLT1	3640	AUCAGAUC AUGCUGGACUCUGG	2621
mFLT1	3417	ACCAaAUC AUGUUGGAUUGCUGG	2622
mKDR	3610	ACCAGACCAUGCUGGACUCUGG	2623
rFLT1	3627	ACCAaAUC AUGCUGGAUUGCUGG	2624
rKDR	3645	ACCAaACCAUGCUGGAUUGCUGG	2625
hKDR	3713	CCAGACCAUGCUGGACUCUGGC	2626
hFLT1	3641	UCAGAUC AUGCUGGACUCUGGC	2627
mFLT1	3418	CCAaAUC AUGUUGGAUUGCUGGC	2628
mKDR	3611	CCAGACCAUGCUGGACUCUGGC	2629
rFLT1	3628	CCAaAUC AUGCUGGAUUGCUGGC	2630
rKDR	3646	CCAaACCAUGCUGGAUUGCUGGC	2631

hKDR	3714	CAGACCAUGCUGGACUCUGGCA	2632
hFLT1	3642	CAGAUCAUGCUGGACUCUGGCA	2633
mFLT1	3419	CAaUCAUGUUGGAUUGCUGGCA	2634
mKDR	3612	CAGACCAUGCUGGACUCUGGCA	2635
rFLT1	3629	CAaUCAUGCUGGAUUGCUGGCA	2636
rKDR	3647	CAaACCAUGCUGGAUUGCUGGCA	2637
hKDR	3715	AGACCAUGCUGGACUCUGGCAC	2638
hFLT1	3643	AGAUCAUGCUGGACUCUGGCAC	2639
mFLT1	3420	AaUCAUGUUGGAUUGCUGGCAC	2640
mKDR	3613	AGACCAUGCUGGACUCUGGCAU	2641
rFLT1	3630	AaUCAUGCUGGAUUGCUGGCAC	2642
rKDR	3648	AaACCAUGCUGGAUUGCUGGCAU	2643
hKDR	3716	GACCAUGCUGGACUCUGGCACG	2644
hFLT1	3644	GAUCAUGCUGGACUCUGGCACa	2645
mFLT1	3421	aUCAUGUUGGAUUGCUGGCACa	2646
mKDR	3614	GACCAUGCUGGACUCUGGCAG	2647
rFLT1	3631	aUCAUGCUGGAUUGCUGGCACa	2648
rKDR	3649	aACCAUGCUGGAUUGCUGGCAG	2649
hKDR	3811	AGCAGGAUGGCAAAAGACUACAUU	2650
hFLT1	3739	AaCAGGAUGGUAAAAGACUACAUc	2651
mFLT1	3516	AaCAGGAUGGgAAAGAUUACAUc	2652
mKDR	3709	AGCAGGAUGGCAAAAGACUAAU	2653
rFLT1	3726	AaCAGGAUGGUAAAAGACUACAUc	2654
rKDR	3744	AGCAGGAUGGCAAAAGACUAAU	2655
hKDR	3812	GCAGGAUGGCAAAAGACUACAUUG	2656
hFLT1	3740	aCAGGAUGGUAAAAGACUACAUcc	2657
mFLT1	3517	aCAGGAUGGgAAAGAUUACAUcc	2658
mKDR	3710	GCAGGAUGGCAAAAGACUAAUUG	2659
rFLT1	3727	aCAGGAUGGUAAAAGACUACAUcc	2660
rKDR	3745	GCAGGAUGGCAAAAGACUAAUUG	2661

Lower case nucleotides represent mismatches

Sequence alignments between select Human (h), Rat (r), and Mouse (m) VEGFr1 (FLT1) and VEGFr2 (KDR) 19mer target sequences

Gene	Pos	Seq	SEQ ID
hFLT1	3645	CAUGCUGGACUGCUGGCAC	2662
hKDR	3717	CAUGCUGGACUGCUGGCAC	2663
mFLT1	3422	CAUGuUGGAuUGCUGGCAC	2664
mKDR	3615	CAUGCUGGACUGCUGGCau	2665
rFLT1	3632	CAUGCUGGAuUGCUGGCAC	2666
rKDR	3650	CAUGCUGGAuUGCUGGCau	2667
hFLT1	3646	AUGCUGGACUGCUGGCACA	2668
hKDR	3718	AUGCUGGACUGCUGGCACg	2669
mFLT1	3423	AUGuUGGAuUGCUGGCACA	2670
mKDR	3616	AUGCUGGACUGCUGGCAug	2671
rFLT1	3633	AUGCUGGAuUGCUGGCACA	2672
rKDR	3651	AUGCUGGAuUGCUGGCAug	2673
hFLT1	3647	UGCUGGACUGCUGGCACAG	2674
hKDR	3719	UGCUGGACUGCUGGCACgG	2675
mFLT1	3424	UGuUGGAuUGCUGGCACaA	2676
mKDR	3617	UGCUGGACUGCUGGCAuga	2677
rFLT1	3634	UGCUGGAuUGCUGGCACaA	2678
rKDR	3652	UGCUGGAuUGCUGGCAuga	2679
hKDR	2764	CCUUUAUGAUCCCAGCAAAU	2680
hFLT1	2689	CCUUUAUGAUCCCAGCAAgU	2681
mFLT1	2469	CCcUAUGAUCCCAGCAAgU	2682
mKDR	2662	CCUUUAUGAUCCCAGCAAgU	2683
rFLT1	2676	CCcUAUGAUCCCAGCAAgU	2684
rKDR	2697	CCUUUAUGAUCCCAGCAAgU	2685
hKDR	2765	CUUAUGAUCCCAGCAAAUG	2686
hFLT1	2690	CUUAUGAUCCCAGCAAgUG	2687
mFLT1	2470	CcUAUGAUCCCAGCAAgUG	2688
mKDR	2663	CUUAUGAUCCCAGCAAgUG	2689
rFLT1	2677	CcUAUGAUCCCAGCAAgUG	2690

rKDR	2698	CUUAUGAUGCCAGCAAgUG	2691
hKDR	2766	UUAUGAUGCCAGCAAAUGG	2692
hFLT1	2691	UUAUGAUGCCAGCAAgUGG	2693
mFLT1	2471	cUAUGAUGCCAGCAAgUGG	2694
mKDR	2664	UUAUGAUGCCAGCAAgUGG	2695
rFLT1	2678	cUAUGAUGCCAGCAAgUGG	2696
rKDR	2699	UUAUGAUGCCAGCAAgUGG	2697
hKDR	2767	UAUGAUGCCAGCAAAUGGG	2698
hFLT1	2692	UAUGAUGCCAGCAAgUGGG	2699
mFLT1	2472	UAUGAUGCCAGCAAgUGGG	2700
mKDR	2665	UAUGAUGCCAGCAAgUGGG	2701
rFLT1	2679	UAUGAUGCCAGCAAgUGGG	2702
rKDR	2700	UAUGAUGCCAGCAAgUGGG	2703
hKDR	2768	AUGAUGCCAGCAAAUGGGA	2704
hFLT1	2693	AUGAUGCCAGCAAgUGGGA	2705
mFLT1	2473	AUGAUGCCAGCAAgUGGGA	2706
mKDR	2666	AUGAUGCCAGCAAgUGGGA	2707
rFLT1	2680	AUGAUGCCAGCAAgUGGGA	2708
rKDR	2701	AUGAUGCCAGCAAgUGGGA	2709
hKDR	3712	CAGACCAUGCUGGACUGCU	2710
hFLT1	3640	CAGAuCAUGCUGGACUGCU	2711
mFLT1	3417	CAaAuCAUGuUGGAuUGCU	2712
mKDR	3610	CAGACCAUGCUGGACUGCU	2713
rFLT1	3627	CAaAuCAUGCUGGGAuUGCU	2714
rKDR	3645	CAaACCAUGCUGGGAuUGCU	2715
hKDR	3713	AGACCAUGCUGGACUGCUG	2716
hFLT1	3641	AGAuCAUGCUGGACUGCUG	2717
mFLT1	3418	AaAuCAUGuUGGAuUGCUG	2718
mKDR	3611	AGACCAUGCUGGACUGCUG	2719
rFLT1	3628	AaAuCAUGCUGGGAuUGCUG	2720
rKDR	3646	AaACCAUGCUGGGAuUGCUG	2721

hKDR	3714	GACCAUGCUGGACUCUGG	2722
hFLT1	3642	GAUCAUGCUGGACUCUGG	2723
mFLT1	3419	aAUCAUGuUGGAuUGCUGG	2724
mKDR	3612	GACCAUGCUGGACUCUGG	2725
rFLT1	3629	aAUCAUGCUGGAuUGCUGG	2726
rKDR	3647	aACCAUGCUGGAuUGCUGG	2727
hKDR	3715	ACCAUGCUGGACUCUGGC	2728
hFLT1	3643	AUCAUGCUGGACUCUGGC	2729
mFLT1	3420	AUCAUGuUGGAuUGCUGGC	2730
mKDR	3613	ACCAUGCUGGACUCUGGC	2731
rFLT1	3630	AUCAUGCUGGAuUGCUGGC	2732
rKDR	3648	ACCAUGCUGGAuUGCUGGC	2733
hKDR	3716	CCAUGCUGGACUCUGGCA	2734
hFLT1	3644	uCAUGCUGGACUCUGGCA	2735
mFLT1	3421	uCAUGuUGGAuUGCUGGCA	2736
mKDR	3614	CCAUGCUGGACUCUGGCA	2737
rFLT1	3631	uCAUGCUGGAuUGCUGGCA	2738
rKDR	3649	CCAUGCUGGAuUGCUGGCA	2739
hKDR	3811	CAGGAUGGCAAAAGACUACA	2740
hFLT1	3739	CAGGAUGGuAAAAGACUACA	2741
mFLT1	3516	CAGGAUGGgAAAAGAuUACA	2742
mKDR	3709	CAGGAUGGCAAAAGACUAA	2743
rFLT1	3726	CAGGAUGGuAAAAGACUACA	2744
rKDR	3744	CAGGAUGGCAAAAGACUAA	2745
hKDR	3812	AGGAUGGCAAAAGACUACAU	2746
hFLT1	3740	AGGAUGGuAAAAGACUACAU	2747
mFLT1	3517	AGGAUGGgAAAAGAuUACAU	2748
mKDR	3710	AGGAUGGCAAAAGACUAAU	2749
rFLT1	3727	AGGAUGGuAAAAGACUACAU	2750
rKDR	3745	AGGAUGGCAAAAGACUAAU	2751

Lower case nucleotides represent mismatches